

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E30486

**Employer :** Valley Hospital & Medical Center

**Worksite :** Valley Hospital & Medical Center

**Street :** 12606 E Mission Ave

**Jurisdiction :** City of Spokane Valley

**Survey Date :** 5/20/2013

**Survey Type :** Paper

**Response Rate :** 80%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 499

**Surveys Distributed :** 499

**Surveys Returned :** 399

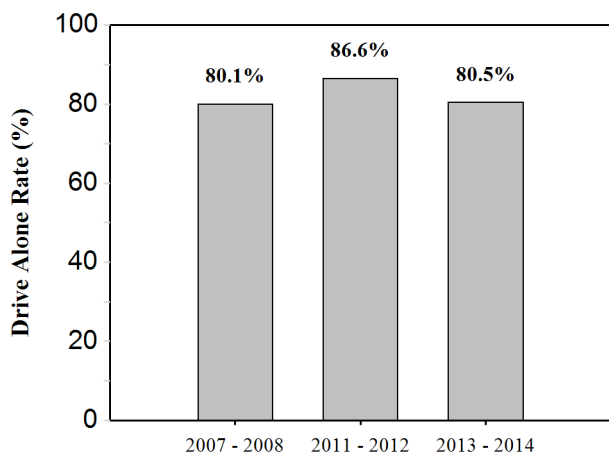
**Surveys Returned by CTR Affected Employees :** 200

**Total Estimated CTR - Affected Employees at Worksite :** 250

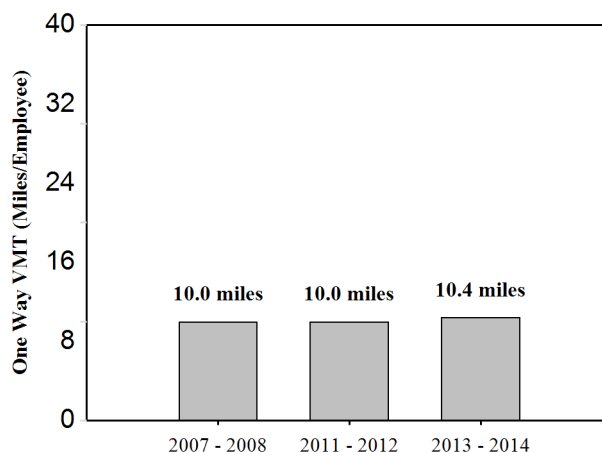
**Drive Alone :** 80.5%

**One-Way VMT per employee :** 10.4

**Drive Alone - All Employees**



**One Way VMT per Employee - All Employees**



**Site History and Goal**

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	80.1%	85.5%	10.0	10.9
2009 - 2010	88.9%	90.7%	10.1	10.8
2011 - 2012	86.6%	87.4%	10.0	10.1
2013 - 2014	80.5%	79.1%	10.4	10.5
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	0.5%	-7.5%	4.0%	-3.7%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2011 - 2012 Without Fill In	2013 - 2014
Drive Alone - All Employees*	80.1%	86.6%	86.2%	80.5%
Drive Alone - CTR Affected Employees*	85.5%	87.4%	86.5%	79.1%
VMT/Employee - All Employees	10.0	10.0	10.0	10.4
VMT/Employees - CTR Affected Employees	10.9	10.1	10.0	10.5

\* Drive alone rate includes one person motorcycles.

**Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.**

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	704	699	876
Estimated Emissions for Total Employment	932	1,028	1,096

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	2,648	2,499	3,252
Bus Annual Passenger Miles - Surveyed Employees	2,000	1,700	2,600
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	0
Ferry Annual Passenger Miles - Surveyed Employees	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	1,176	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	800	0

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

**Q3.**

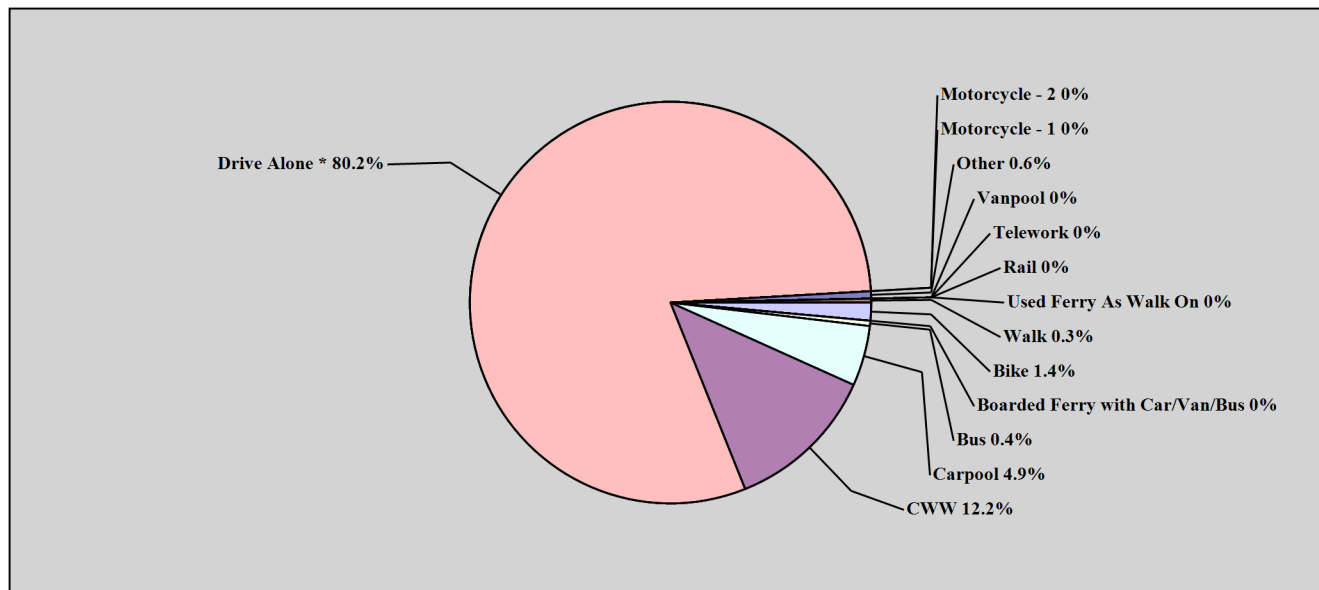
**One way, how many miles do you commute from home to your usual work location?**

**Average one-way distance home to work: 13.8 miles**

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



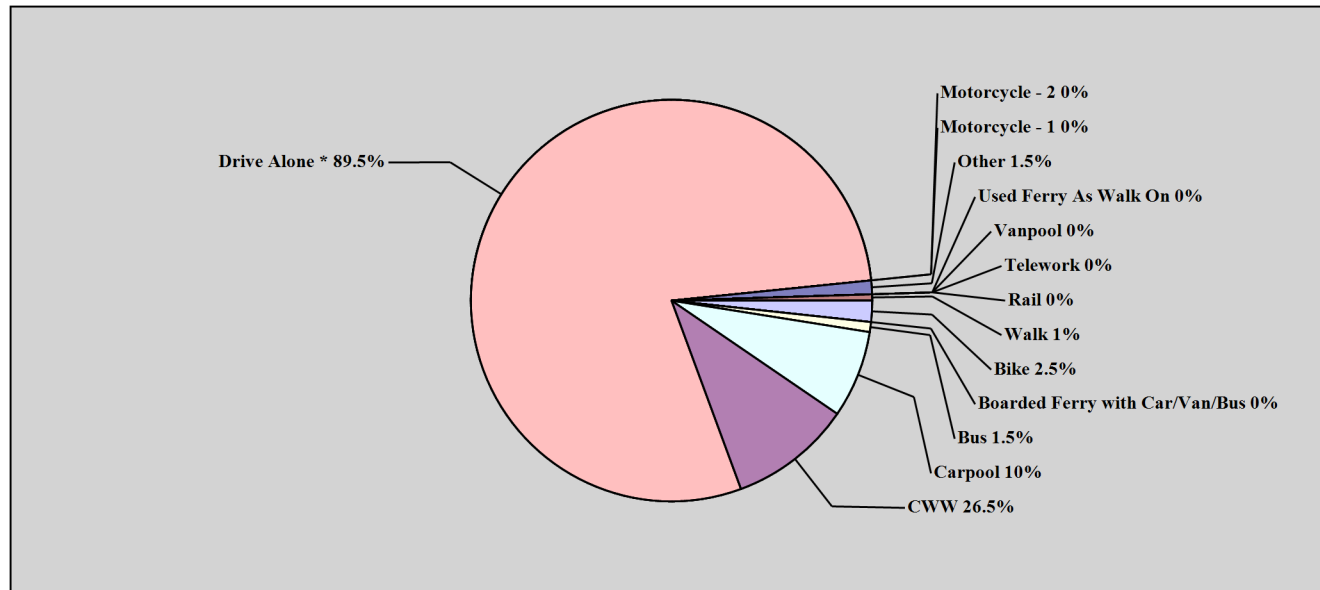
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,503	80.2%	86.7%	365	91.5%	94.3%
Carpool	91	4.9%	4.8%	28	7.0%	7.7%
Vanpool	0	0.0%	0.1%	0	0.0%	0.3%
Motorcycle - 1	0	0.0%	0.1%	0	0.0%	0.3%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	8	0.4%	0.2%	3	0.8%	0.6%
Rail	0	0.0%	0.1%	0	0.0%	0.3%
Bike	27	1.4%	0.7%	9	2.3%	1.1%
Walk	6	0.3%	0.1%	3	0.8%	0.3%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	229	12.2%	6.9%	107	26.8%	12.3%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	11	0.6%	0.4%	3	0.8%	0.9%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	787	79.0%	87.6%	179	89.5%	94.1%
Carpool	70	7.0%	6.3%	20	10.0%	11.1%
Vanpool	0	0.0%	0.1%	0	0.0%	0.7%
Motorcycle - 1	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	8	0.8%	0.1%	3	1.5%	0.7%
Rail	0	0.0%	0.1%	0	0.0%	0.7%
Bike	17	1.7%	1.4%	5	2.5%	2.6%
Walk	5	0.5%	0.0%	2	1.0%	0.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	98	9.8%	4.4%	53	26.5%	11.8%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	11	1.1%	0.0%	3	1.5%	0.0%

\* Drive alone mode includes fill-in, where applicable.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	257	64%	399	100%
1 Days	49	12%	142	36%
2 Days	24	6%	93	23%
3 Days	24	6%	69	17%
4 Days	28	7%	45	11%
5 Days	13	3%	17	4%
6 or More Days	4	1%	4	1%

### Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	115	74.7%	13	8.4%	1	0.6%	13	8.4%	0	0%	0	0%	4	2.6%	1	0.6%	19	12.3%
4 days a week (4/10s)	4	7.3%	41	74.5%	0	0%	2	3.6%	0	0%	0	0%	0	0%	0	0%	13	23.6%
3 days a week	5	5.6%	67	75.3%	0	0%	1	1.1%	0	0%	0	0%	0	0%	0	0%	19	21.3%
9 days in 2 weeks (9/80)	3	20%	5	33.3%	0	0%	0	0%	0	0%	0	0%	1	6.7%	0	0%	3	20%
7 days in 2 weeks	2	20%	5	50%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%	1	10%
Other	11	15.5%	30	42.3%	0	0%	1	1.4%	0	0%	0	0%	0	0%	0	0%	11	15.5%

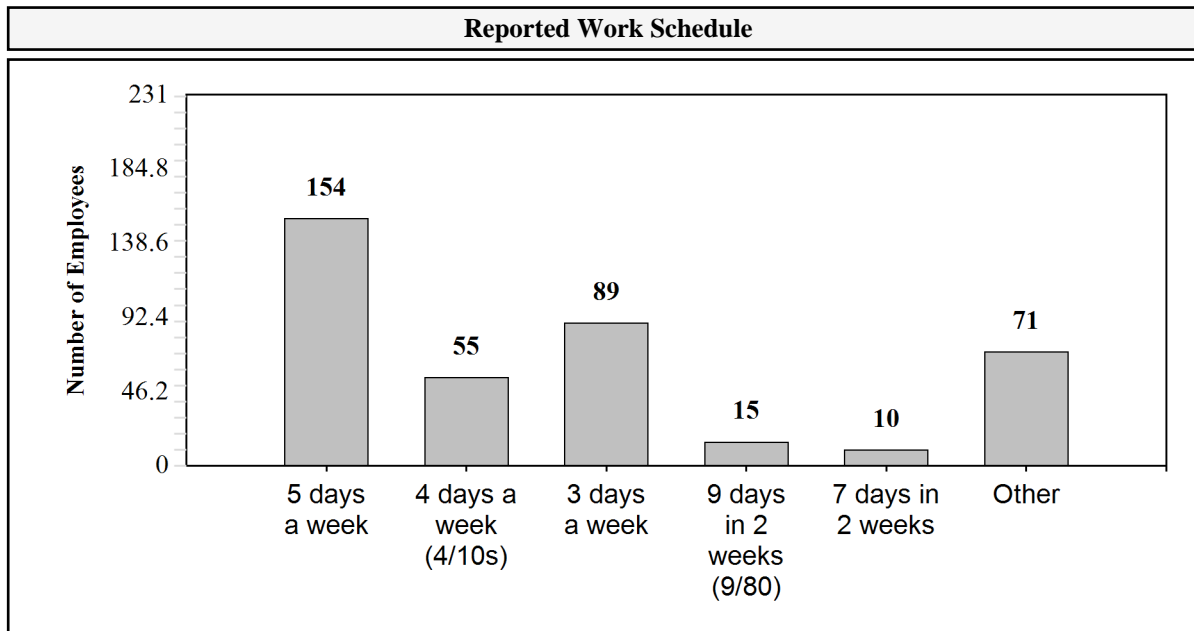
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	30
2	Motorcycle	0
2	Carpool	91
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

Q.5 Which of the following best describes your work schedule?

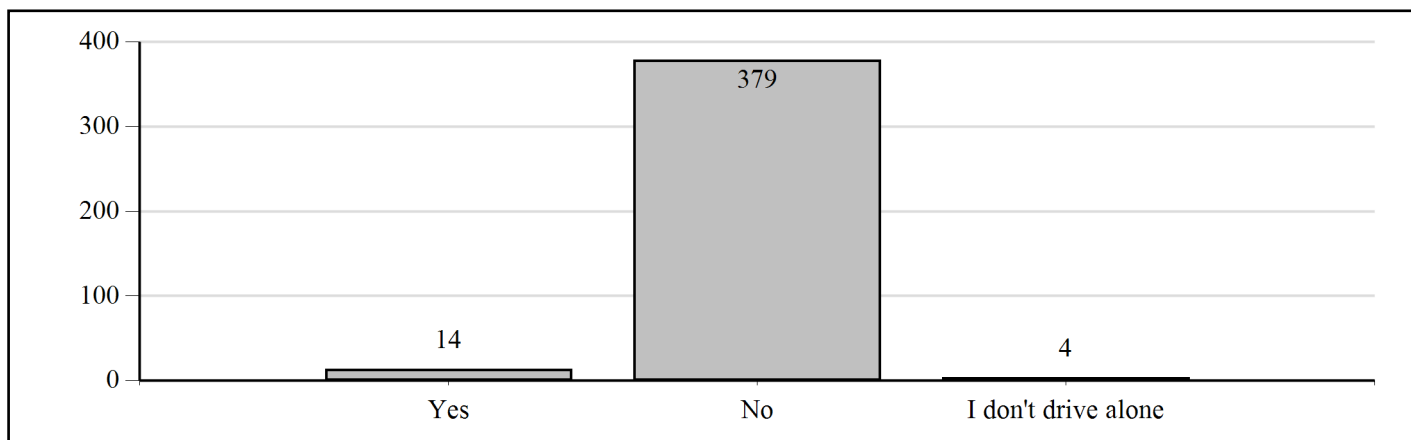


Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	154	39.1%
4 days a week (4/10s)	55	14%
3 days a week	89	22.6%
9 days in 2 weeks (9/80)	15	3.8%
7 days in 2 weeks	10	2.5%
Other	71	18%



## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.5%
I don't telework	390	97.7%
Occasionally, on an as-needed basis	6	1.5%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	1	0.3%

## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Other	98	27.3%
To save money	76	21.2%
Personal health or well-being	44	12.3%
Environmental and community benefits	37	10.3%
Financial incentives for carpooling, bicycling or walking.	36	10.0%
Emergency ride home is provided	30	8.4%
Driving myself is not an option	13	3.6%
Free or subsidized bus, train, vanpool pass or fare benefit	8	2.2%
Preferred/reserved carpool/vanpool parking is provided	7	1.9%
Cost of parking or lack of parking	5	1.4%
I have the option of teleworking	2	0.6%
I receive a financial incentive for giving up my parking space	2	0.6%
To save time using the HOV lane	1	0.3%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	238	27.5%
Other	151	17.5%
Riding the bus or train is inconvenient or takes too long	149	17.2%
Family care or similar obligations	118	13.6%
My commute distance is too short	97	11.2%
Bicycling or walking isn't safe	72	8.3%
My job requires me to use my car for work	23	2.7%
I need more information on alternative modes	15	1.7%
There isn't any secure or covered bicycle parking	2	0.2%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	1	0	0	0	0	0	1	0	0	2
Total One-Way Transit Trips Per Week	1	0	0	0	0	0	6	0	0	6

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	1	0	0	0	0	0	1	0	0	1
Total One-Way Transit Trips Per Week	1	0	0	0	0	0	6	0	0	5

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
83801	2	0.50%	8	0	0	0	0	0	0	0	0	2	0	0	0
83814	4	1.00%	8	0	0	0	0	0	0	0	0	2	0	0	0
83815	10	2.51%	40	0	0	0	0	0	0	0	0	1	0	0	0
83816	1	0.25%	4	0	0	0	0	0	0	0	0	3	0	0	0
83835	9	2.26%	32	0	0	0	0	0	0	0	0	7	0	0	0
83850	1	0.25%	3	0	0	0	0	0	0	0	0	0	0	0	0
83853	2	0.50%	0	10	0	0	0	0	0	0	0	0	0	0	0
83854	18	4.51%	65	2	0	0	0	0	2	0	0	12	0	0	2
83858	5	1.25%	23	0	0	0	0	0	0	0	0	0	0	0	0
83860	1	0.25%	3	0	0	0	0	0	0	0	0	2	0	0	0
97124	1	0.25%	3	0	0	0	0	0	0	0	0	0	0	0	0
99003	4	1.00%	13	0	0	0	0	0	0	0	0	11	0	0	0
99004	4	1.00%	17	0	0	0	0	0	0	0	0	9	0	0	0
99005	1	0.25%	4	0	0	0	0	0	0	0	0	1	0	0	0
99006	4	1.00%	10	8	0	0	0	0	0	0	0	1	0	0	0
99009	2	0.50%	5	5	0	0	0	0	0	0	0	0	0	0	0
99012	1	0.25%	4	0	0	0	0	0	0	0	0	0	0	0	0
99016	27	6.77%	117	4	0	0	0	0	0	0	0	12	0	0	2
99019	20	5.01%	73	5	0	4	0	0	0	0	0	5	0	0	0
99021	7	1.75%	27	4	0	0	0	0	0	0	0	4	0	0	0
99022	1	0.25%	4	0	0	0	0	0	0	0	0	1	0	0	0
99025	14	3.51%	46	10	0	3	0	0	2	0	0	9	0	0	0
99026	2	0.50%	4	0	0	0	0	0	0	0	0	1	0	0	0
99027	10	2.51%	30	0	0	5	0	0	0	0	0	6	0	0	0
99030	2	0.50%	9	0	0	0	0	0	0	0	0	0	0	0	0
99036	2	0.50%	6	0	0	0	0	0	0	0	0	0	0	0	0



99037	24	6.02%	77	8	0	0	0	0	6	0	0	31	0	0	0
99156	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
99173	1	0.25%	6	0	0	0	0	0	0	0	0	0	0	0	0
99202	7	1.75%	26	4	0	0	0	0	0	0	0	10	0	0	0
99203	7	1.75%	30	0	0	0	0	0	0	0	0	5	0	0	0
99204	2	0.50%	9	0	0	0	0	0	0	0	0	0	0	0	0
99205	10	2.51%	48	0	0	0	0	0	0	0	0	1	0	0	0
99206	55	13.78%	213	6	0	6	0	0	12	0	0	17	0	0	0
99207	10	2.51%	33	4	0	0	1	0	0	0	0	2	0	0	7
99208	14	3.51%	54	3	0	0	0	0	0	0	0	16	0	0	0
99211	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
99212	25	6.27%	104	0	0	2	1	0	0	0	0	14	0	0	0
99214	2	0.50%	8	0	0	0	0	0	0	0	0	0	0	0	0
99216	50	12.53%	192	13	0	4	0	0	5	6	0	23	0	0	0
99217	6	1.50%	23	0	0	0	0	0	0	0	0	4	0	0	0
99218	2	0.50%	9	0	0	0	0	0	0	0	0	1	0	0	0
99223	11	2.76%	45	3	0	0	0	0	0	0	0	4	0	0	0
99224	8	2.01%	28	2	0	0	0	0	0	0	0	9	0	0	0
99999	8	2.01%	30	0	0	6	6	0	0	0	0	3	0	0	0